



Mineral Industry Surveys

For information, contact:

William S. Kirk, Iron Ore Commodity Specialist
U.S. Geological Survey
989 National Center
Reston, VA 20192
Telephone: (703) 648-4962, Fax: (703) 648-7757
E-mail: wkirk@usgs.gov

Heather A. Geissler (Data)
Telephone: (703) 648-7978
Fax: (703) 648-7975

Internet: <http://minerals.usgs.gov/minerals>

IRON ORE IN AUGUST 2002

U.S. mine production of iron ore in August 2002, on a daily average basis, was 3% higher than that of the prior month, according to the U.S. Geological Survey. Shipments decreased by 3%. Mine stocks at the end of the month were 19% lower than at the end of the previous month. Consumption and trade data for August 2002 will be included in a subsequent issue.

Note

All data in this report have been rounded to no more than three significant digits. Totals and percentages were calculated by using unrounded data.

TABLE 1
U.S. PRODUCTION AND SHIPMENTS OF IRON ORE 1/ 2/
(Exclusive of ore containing 5% or more of manganese)

(Thousand metric tons)

Period	Production		Shipments	
	Monthly	Year to date	Monthly	Year to date
2001:				
August	4,350	31,200	5,420	33,700
September	4,520	35,700	4,820	38,500
October	4,160	39,900	4,850	43,400
November	3,430	43,300	4,290	47,700
December	2,760	46,100	3,740	51,400
2002:				
January	3,700	3,700	2,530	2,530
February	3,200	6,890	1,360	3,890
March	3,660	10,600	2,200	6,090
April	3,840	14,400	4,360	10,400
May	4,850	19,200	5,320	15,800
June	4,870	24,100	5,810	21,600
July	4,430	28,500	5,720	27,300
August	4,580	33,100	5,530	32,800

1/ Data are rounded to no more than three significant digits.

2/ Excludes byproduct ores.

TABLE 2
U.S. PRODUCTION, SHIPMENTS, AND STOCKS OF IRON ORE IN AUGUST 1/ 2/

(Thousand metric tons)

District	Production		Shipments 3/		Stocks 4/	
	2002	2001	2002	2001	2002	2001
Lake Superior:						
Michigan	1240	1060	1100	1500	1210	2720 r/
Minnesota	3,340	3,300	4,430	3,920	2,860	3,920
Total	4,580	4,350	5,530	5,420	4,080	6,640 r/

r/ Revised.

1/ Data are rounded to no more than three significant digits; may not add to totals shown.

2/ Excludes byproduct ore.

3/ Includes rail and vessel.

4/ Includes mines, plants, and loading docks.

TABLE 3
CANADA: SHIPMENTS OF IRON ORE 1/

(Thousand dry metric tons)

Period	Newfoundland	Quebec	British Columbia	
			Total	
2001:				
July	1,790	1,280	6	3,070
August	1,380	1,270	6	2,650
September	1,130	1,160	6	2,300
October	2,060	1,060	7	3,120
November	1,670	1,140	6	2,810
December	1,390	756	5	2,150
Year total	17,300	9,560	72	27,000
2002:				
January	782	630	10	1,420
February	355	699	10	1,060
March	1,060	771	5	1,840
April	1,490	913	9	2,410
May	2,390	1,240	8	3,630
June	1,530	828 r/	6	2,370 r/
July	2,290	1,020	7	3,320

r/ Revised.

1/ Data are rounded to no more than three significant digits; may not add to totals shown.

Source: Natural Resources Canada.

TABLE 4
CONSUMPTION AND STOCKS OF IRON ORE AND
BLAST FURNACE PRODUCTION OF HOT METAL AT U.S. IRON AND STEEL PLANTS 1/ 2/

(Thousand metric tons)

Consumption by source	Consumption of ores and agglomerates			
	July		January-July	
	2002	2001	2002	2001
United States ores	3,780	4,390	26,900	31,300
Canadian ores	447	389	2,120	2,570
Foreign ores	637	505	3,940	3,920
Total	4,870	5,280	33,000	37,700
Consumption by process				
Blast furnaces	4,250	4,880	29,700	34,800
Steel furnaces	39	3	71	16
Agglomerating plants 3/	580	401	3,180	2,900
Miscellaneous 4/	--	--	2	--
Total	4,870	5,280	33,000	37,700
Storage point	Stocks of ores and agglomerates, July 31			
	2002		2001	
	2002	2001	2002	2001
Furnace yards	9,650	11,500		
Receiving/transfer docks	1,300	1,800		
Total consumer	10,900	13,300		
Hot metal and pig iron produced in blast furnaces	Blast furnace production of hot metal			
	July		January-July	
	2002	2001	2002	2001
No. of blast furnaces operating on the last day of the month	29	33	XX	XX

XX Not applicable. -- Zero.

1/ Data are rounded to no more than three significant digits; may not add to totals shown.

2/ Includes agglomerates.

3/ Iron ore and iron ore concentrates consumed in agglomerating plants not located at the mine or plant site.

4/ Sold to nonreporting companies or used for purposes not listed.

Sources: American Iron Ore Association (consumption of iron ore) and American Iron and Steel Institute (production of hot metal and pig iron).

TABLE 5
U.S. EXPORTS OF IRON ORE, BY COUNTRY OF DESTINATION AND TYPE 1/ 2/

(Thousand metric tons)

Country of destination and type	2002				
	1st quarter	2nd quarter	May	June	July
Canada	738	2,050	695	704	810
Mexico	(3/)	10	3	7	8
Other	1	2	(3/)	(3/)	1
Total	739	2,060	699	711	819
Pellets	736	2,020	694	682	783
Other	3	36	5	28	36
Total	739	2,060	699	711	819

1/ Data are rounded to no more than three significant digits; may not add to totals shown.

2/ Includes agglomerates.

3/ Less than 1/2 unit.

Source: U.S. Census Bureau.

TABLE 6
U.S. IMPORTS FOR CONSUMPTION OF IRON ORE, BY COUNTRY AND TYPE 1/ 2/
(Exclusive of ore containing 20% or more manganese)

Country of origin and type of product	2002					2001
	July		Year to date			January-July
	Thousand metric tons	Value 3/ (thousand dollars)	Thousand metric tons	Value 3/ (thousand dollars)	Value 3/ (dollars per ton)	Thousand metric tons
Australia	61	540	375	3,780	10.08	384
Brazil	638	13,700	3,150	72,500	23.04	2,570
Canada	657	19,400	2,310	68,400	29.57	2,580
Chile	46	973	162	3,490	21.60	320
Norway	--	--	10	172	17.37	2
Peru	--	--	69	835	12.14	16
Sweden	--	--	44	1,040	24.00	--
Other	40	1,180	117	5,180	44.28	356
Total	1,440	35,800	6,240	155,000	24.92 4/	6,230
Concentrates	64	1,710	303	6,690	22.10	231
Coarse ores	--	--	3	104	37.00	25
Fine ores	501	8,390	2,090	33,500	16.00	2,850
Pellets	848	25,200	3,600	108,000	30.07	2,840
Briquettes	--	--	39	3,120	81.00	42
Other agglomerates	29	497	191	3,540	18.52	231
Roasted pyrites	--	--	7	193	27.49	7
Total	1,440	35,800	6,240	155,000	24.92 4/	6,230

-- Zero.

1/ Data, with the exception of the dollars per ton column, are rounded to no more than three significant digits; may not add to totals shown.

2/ Includes agglomerates.

3/ Customs value. Excludes international freight, insurance, and other c.i.f. charges.

4/ Weighted average calculated by dividing total value by total tonnage.

Source: U.S. Census Bureau.

TABLE 7
U.S. IMPORTS FOR CONSUMPTION OF IRON ORE IN JULY 2002 1/ 2/
(Exclusive of ore containing 20% or more manganese)

(Thousand metric tons)

Country of origin	Type of product						Total
	Concentrates	Coarse ores	Fine ores	Pellets	Briquettes and other agglomerates	Roasted pyrites	
Brazil	--	--	418	221	--	--	638
Canada	--	--	1	628	29	--	657
Other	64	--	83	--	--	--	147
Total	64	--	501	848	29	--	1,440

-- Zero.

1/ Data are rounded to no more than three significant digits; may not add to totals shown.

2/ Includes agglomerates.

Source: U.S. Census Bureau.

TABLE 8
U.S. IMPORTS FOR CONSUMPTION OF PELLETS, BY COUNTRY 1/

Country of origin	2002					2001
	July		Year to date			January-July
	Thousand metric tons	Value 2/ (thousand dollars)	Thousand metric tons	Value 2/ (thousand dollars)	Value 2/ (dollars per ton)	Thousand metric tons
Brazil	221	6,260	1,550	44,700	28.88	467
Canada	628	18,900	2,060	63,600	30.96	2,090
Other	--	--	--	--	--	282
Total	848	25,200	3,600	108,000	30.07 3/	2,840

-- Zero.

1/ Data are rounded to no more than three significant digits; may not add to totals shown.

2/ Customs value. Excludes international freight, insurance, and other c.i.f. charges.

3/ Weighted average calculated by dividing total value by total tonnage.

Source: U.S. Census Bureau.

TABLE 9
U.S. IMPORTS FOR CONSUMPTION OF IRON ORE,
BY CUSTOMS DISTRICT 1/ 2/
(Exclusive of ore containing 20% or more manganese)

(Thousand metric tons)

Customs district	July	January-July	
	2002	2002	2001
Baltimore, MD (13)	492	2,650	2,230
Buffalo, NY (09)	1	1	--
Charleston, SC (16)	50	129	18
Chicago, IL (39)	162	400	817
Cleveland, OH (41)	134	477	240
Columbia - Snake, OR (29)	--	28	--
Detroit, MI (38)	47	164	558
Houston - Galveston, TX (53)	--	28	48
Laredo, TX (23)	--	11	17
Los Angeles, CA (27)	--	(3/)	1
Miami, FL (52)	--	4	--
Mobile, AL (19)	180	272	567
New Orleans, LA (20)	377	2,020	1,620
Philadelphia, PA (11)	--	3	29
Providence, RI (05)	--	34	--
San Juan, PR (49)	--	10	--
Tampa, FL (18)	--	--	82
Total	1,440	6,240	6,230

-- Zero.

1/ Data are rounded to no more than three significant digits; may not add to totals shown.

2/ Includes agglomerates.

3/ Less than 1/2 unit.

Source: U.S. Census Bureau.

TABLE 10
U.S. IMPORTS FOR CONSUMPTION OF PELLETS,
BY CUSTOMS DISTRICT 1/

(Thousand metric tons)

Customs district	July	January-July	
	2002	2002	2001
Baltimore, MD (13)	217	987	728
Charleston, SC (16)	50	129	--
Chicago, IL (39)	--	82	504
Cleveland, OH (41)	134	477	240
Detroit, MI (38)	47	141	558
Houston-Galveston, TX (53)	--	17	16
Laredo, TX (23)	--	11	17
Mobile, AL (19)	180	240	342
New Orleans, LA (20)	221	1,520	434
Total	848	3,600	2840

--Zero.

1/ Data are rounded to no more than three significant digits; may not add to totals shown.

Source: U.S. Census Bureau.